

## Special Issue

# Proteomics and Metabonomics for Personalised Medicine

### Message from the Guest Editors

Dear Colleague,

A number of physiological and pathological conditions are characterized by dynamic remodeling of the proteome and with a deep modification in the concentration of metabolites in the organism. On one hand, they lead to the discovery of new, biologically and clinically relevant biomarkers, for personalizing preventive and therapeutic interventions. On the other hand, they contribute new knowledge in terms of molecular mechanisms. Furthermore, the combined integrative genomics approaches with proteo-metabolomic investigations are developing rapidly. For this Special Issue, we will address recent developments in the area of proteomics and metabolomics. Potential topics include but are not limited to the following:

Reference standards and intervals for clinical proteomics;

Integrative genomics on the verge of proteomics and metabolomics;

Novel mass spectrometry methods for clinical practice;

Bioinformatics for the analysis of proteomics and metabolomics data;

Molecular protein networks;

Targeted, untargeted metabolomics;

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### Guest Editors

Prof. Dr. Andrea Urbani

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome, Italy

Dr. Federica Iavarone

1. Dipartimento di Scienze Biotecnologiche di Base, Cliniche Intensivologiche e Perioperatorie, Università Cattolica del Sacro Cuore, 20123 Rome, Italy 2. Fondazione Policlinico Universitario IRCCS "A. Gemelli", 00168 Rome, Italy

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### Deadline for manuscript submissions

closed (30 June 2022)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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Molecular Sciences*  
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4052 Basel, Switzerland  
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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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